

# Product Datasheet

## NHERF-2 Antibody NB100-2450

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB100-2450**

## NHERF-2 Antibody

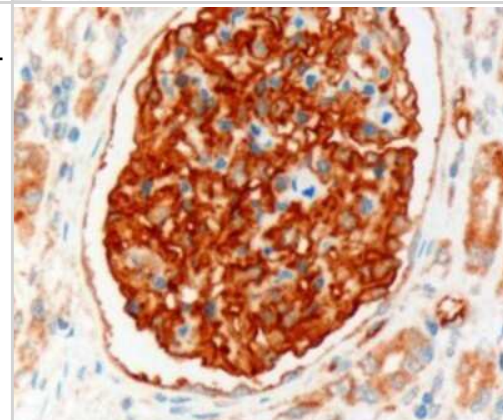
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	9351
Gene Symbol	SLC9A3R2
Species	Human
Specificity/Sensitivity	Please note that this variant has an extra insertion of 11 residues compared to NP_004776.3. The immunizing peptide represents this insertion.
Immunogen	Peptide with sequence C-DGSAWKQDPFQ corresponding to internal region according to NP_001123484.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 38 kDa band observed in human kidney lysates (calculated MW of 37.4 kDa band according to BAA33216.1). IHC-P: Human kidney shows strong membranous staining in glomerulus-.

## Images

Western Blot: NHERF-2 Antibody [NB100-2450] - (0.3ug/ml) Analysis of human kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: NHERF-2 Antibody [NB100-2450] - IHC analysis of NHERF-2 in paraffin embedded Human Kidney using NB100-2450 at 3ug/ml. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



## Publications

Cha B, Kim JH, Hut H et al. cGMP inhibition of Na<sup>+</sup>/H<sup>+</sup> antiporter 3 (NHE3) requires PDZ domain adapter NHERF2, a broad specificity protein kinase G-anchoring protein. *J Biol Chem* 2005-04-29 [PMID: 15722341]



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### **Products Related to NB100-2450**

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NB820-59231	Human Kidney Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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